

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR02/00612

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H01J 17/49

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H01J 9, 11, 17

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean patents and applications for inventions since 1975

Korean utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	KR 98-84258 A (SAMSUNG SDI) 5 December 1998 the whole document	1, 5, 9 2, 3, 4
X Y	KR 98-84259 A (SAMSUNG SDI) 5 December 1998 the whole document	1, 5, 9 2, 3, 4
X Y	KR 2001-4098 A (HYUNDAI) 15 January 2001 the whole document	1, 9 2, 3, 4
X Y	KR 2000-7458 A (LG) 7 February 2000 the whole document	1, 5, 9 2, 3, 4
X	JP 2000-164121 A (FUJI FILM OLIN) 16 June 2000 the whole document	1, 2, 4, 6-9

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

20 DECEMBER 2002 (20.12.2002)

Date of mailing of the international search report

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International application No.
PCT/KR02/00612

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 11-100232 A (E. I. DUPONT) 13 April 1999	3, 6-8
Y	claims 1 to 7; paragraphs [0022] to [0098]	2-4
X	KR 2000-14545 A (LG) 15 March 2000	6-8
Y	the whole document	2, 4
Y	KR 2000-13783 A (LG) 6 March 2000	3
	the whole document	
A	JP 2000-164120 A (FUJI FILM OLIN) 16 June 2000	1-9
	the whole document	
A	JP 2001-35366 A (DAI NIPPON PRINTING) 9 February 2001	1-9
	the whole document	

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR02/00612

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 98-84258	1998. 12. 5	None	
KR 98-84259	1998. 12. 5	None	
KR 2001-4098	2001. 1. 15	None	
KR 2000-7458	2000. 2. 7	None	
JP 2000-164121	2000. 6. 16	None	
JP 11-100232	1999. 4. 13	CN 1210095 EP 893813	1999. 3. 10 1999. 2. 10
KR 2000-14545	2000. 3. 15	None	
KR 2000-13783	2000. 3. 6	None	
JP 2000-164120	2000. 6. 16	None	
JP 2001-35366	2001. 2. 9	None	